

10/563832

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<120> DIAGNOSIS AND TREATMENT METHODS RELATED TO AGING (AG)

<130> KOPCHICK8APCT

<140> PCT/US2004/21944

<141> 2004-07-08

<150> 60/485,422

<151> 2003-07-08

<160> 27

<170> PatentIn version 3.3

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gtgaacttct tcagcagttt aatgaacctc gaggagaaac cggctcctgc ggctaagtga	180
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gcccagtgac taaagtttaa cggccgcggt atcctgaccg tgcaaaggta gcataatcac	300
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## KOPCHICK8APCT (EDIS)(IPC).ST25.txt

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## KOPCHICK8APCT (EDIS)(IPC).ST25.txt

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tgtcctagcc ttaatcttat ctatccta attagcccta atacctttcc ttcatacctc 360
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tcgccagctg gncgnaatag cgaanaaggc cccacccna cgccctncca acagttnncc 660
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 ttaacaaaaa ggatgggaaa accttcccag cntgatggag ctctatggcn cganaaccan 600  
 atttngagtt taagacatca aaggaaaagt ttgcaaaac tatgccgagg agcatggaat 660  
 cattagaaaa aaatatcatt ngacctaac aangtccatc cgctggcctc ntaggccccg 720  
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## KOPCHICK8APCT (EDIS) (IPC).ST25.txt

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gtaagagatg aagagtgtc cgaattatct atgggttgctg acaaacaga aaaggctggg 360  
gaatattctg tgacgtatga tggattcaat acatttacta tacctaagac agactatgat 420  
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## KOPCHICK8APCT (EDIS) (IPC).ST25.txt

&lt;213&gt; Mus sp.

&lt;400&gt; 8

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&lt;213&gt; Mus sp.

&lt;400&gt; 9

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## KOPCHICK8APCT (EDIS) (IPC).ST25.txt

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## KOPCHICK8APCT (EDIS)(IPC).ST25.txt

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 35 40 45

Thr Asn Glu Phe Leu Glu Asn Phe Lys Asn Ser Val His Leu Arg Thr  
 50 55 60

Ala His Ser Glu Met Ile Gly Tyr Trp Thr Val Glu Phe Gly Gly Arg  
 65 70 75 80

Thr Asn Arg Val Phe His Ile Trp Lys Tyr Asp Asn Phe Ala His Arg  
 85 90 95

Thr Ala Val Arg Lys Ala Leu Ala Lys Asp Lys Glu Trp Gln Glu Arg  
 100 105 110

Phe Leu Ile Pro Asn Leu Ala Phe Ile Asp Lys Gln Glu Val Glu Ile  
 115 120 125

Thr Tyr Leu Val Pro Trp Cys Lys Ile Gly Thr Pro Pro Lys Glu Gly  
 130 135 140

Val Tyr Glu Leu Ala Thr Phe Gln Met Lys Pro Gly Gly Pro Ala Leu  
 145 150 155 160

KOPCHICK8APCT (EDIS)(IPC).ST25.txt

Trp Gly Asn Ala Phe Lys Arg Ala Val Asn Ala His Val Glu Leu Gly  
165 170 175

Tyr Ser Thr Leu Val Gly Val Phe His Thr Glu Tyr Gly Ala Leu Asn  
180 185 190

Arg Val His Val Leu Trp Trp Asn Glu Ser Ala Asp Ser Arg Ala Ala  
195 200 205

Gly Arg His Trp Ser His Glu Asp Pro Arg Val Val Ala Ala Val Arg  
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Glu Ser Val Ser Tyr Leu Glu Ser Gln Gln Asn Thr Phe Leu Ile Pro  
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Thr Ser Phe Ser Pro Leu Lys  
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Phe Tyr Thr Tyr Ile Leu Ser Leu Phe Lys Leu Ile Val Ile Gly Gly  
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Ala Gly Trp Val Leu Pro Gln Ser Leu Leu Gly Phe His His Cys Leu  
35 40 45

Lys Glu Thr Ser Leu Leu Pro Asp Lys Asn Val Asn Arg Leu Leu Val  
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Ala Ile Tyr Thr Ser Pro Phe Phe Thr Pro Asp Ser Cys Leu Glu Thr  
Page 14

35

Ser Pro Ala Leu Pro Val Leu Gln Val Tyr Leu Pro Ser His Leu Phe  
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Phe Leu Val Asn Ser Cys Tyr Glu Met Ser Gly Phe Leu Ile Phe Leu  
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Arg Gly Arg Ile Ile Val Phe  
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Leu Ser Lys Ala Thr  
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Leu Cys Arg His Leu Ala Arg Thr Trp Glu Ser  
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Arg Leu Lys Glu Val  
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## KOPCHICK8APCT (EDIS)(IPC).ST25.txt

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 Cys Asp Lys Ala Val Thr Val Glu Phe Lys His Asp Asp Lys Leu Ser  
 35 40 45  
 Glu Asp Val Gly Ala Leu Ile Gln Cys Ala Val Leu Tyr Thr Thr Ile  
 50 55 60  
 Ser Gly Gln Arg Arg Leu Arg Ile His Asn Leu Ala Leu Asn Cys Ser  
 65 70 75 80  
 Thr Gln Leu Ala Asp Leu Tyr Lys Ser Cys Glu Thr Asp Ala Leu Ile  
 85 90 95  
 Asn Phe Phe Ala Lys Ser Ala Phe Lys Ala Val Leu Asn Gln Pro Leu  
 100 105 110  
 Lys Ala Ile Arg Glu Ile Leu Val Asn Gln Thr Ala His Met Leu Ala  
 115 120 125  
 Cys Tyr Arg Lys His Cys Ala Ser Pro Ser Ala Ala Ser Gln Leu Ile  
 130 135 140  
 Leu Pro Asp Ser Met Lys Val Leu Pro Val Tyr Met Asn Ser Leu Leu  
 145 150 155 160  
 Lys Asn Cys Val Leu Leu Ser Arg Ser Glu Ile Ser Pro Asp Glu Arg  
 165 170 175  
 Ala Tyr Gln Arg Gln Leu Val Met Thr Met Gly Val Ala Asp Ser Gln  
 180 185 190  
 Leu Phe Phe Tyr Pro Leu Leu Leu Pro Ile His Thr Leu Asp Val Lys  
 195 200 205  
 Ser Ala Ala Leu Pro Pro Ala Val Arg Cys Ser Glu Ser Arg Leu Ser  
 210 215 220  
 Glu Glu Gly Ile Phe Leu Leu Ala Asn Gly Leu Asn Met Phe Leu Trp  
 225 230 235 240  
 Phe Gly Val Gly Ser Pro Pro Glu Leu Ile Gln Gly Ile Phe Asn Val  
 245 250 255  
 Pro Ser Phe Ala His Ile Asn Thr Asp Met Thr Ser Leu Pro Glu Val  
 260 265 270

## KOPCHICK8APCT (EDIS)(IPC).ST25.txt

Gly Ser Pro His Ser Gln Gln Leu Arg Met Ile Met Asn Asn Ile Gln  
 275 280 285

Gln Lys Lys Pro Tyr Ser Met Lys Leu Ile Val Val Lys Gln Arg Glu  
 290 295 300

Gln Arg Glu Met Ala Phe Arg Gln Phe Leu Val Glu Asp Lys Gly Leu  
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Tyr Gly Gly Ser Ser Tyr Val Asp Phe Leu Cys Cys Val His Lys Glu  
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Ile Cys Gln Leu Leu Asn  
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KOPCHICK8APCT (EDIS)(IPC).ST25.txt

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